Appendix B
Bibliography

Appendix B. Bibliography

- Allan, William C. 1984. *Proposed Ranney collector project at San Ildefonso, NM, Environmental Assessment.* Bureau of Indian Affairs, Albuquerque, New Mexico. March 1984.
- American Ground Water Consultants, Inc. 1977. *Determination of the long term availability of water from selected wells at El Eldorado at Santa Fe.* Submitted to AMREP. August 1977.
- American Ground Water Consultants, Inc. 1978. Water production and water consumption at Eldorado at Santa Fe, Santa Fe County, New Mexico. Albuquerque, New Mexico.
- American Ground Water Consultants, Inc. 1978. Aquifer performance test of well W-1 (RG-18528) at Eldorado at Santa Fe, Santa Fe County, New Mexico. Albuquerque, New Mexico. June 1979
- American Ground Water Consultants, Inc. 1979. *Milestone report of water levels in wells at Eldorado at Santa Fe, Santa Fe County, New Mexico.* Submitted to Eldorado at Santa Fe, Rio Rancho, New Mexico. February 1979.
- American Ground Water Consultants, Inc. 1980. Results of slug tests using wells WX3BN, and WS3N at Eldorado at Santa Fe, Santa Fe County, New Mexico. Albuquerque, New Mexico. July 1980.
- Anderholm, Scott K. 1994. *Ground-water recharge near Santa Fe, north-central New Mexico*.

 U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the Santa Fe Metropolitan Water Board and the New Mexico State Engineer Office.
- Balleau, Peter, and Bhasker K. Rao. 1996. Selection of a hydrogeologic model for water-rights administration in the Pojoaque River Basin, Santa Fe County, New Mexico. U.S. Department of Justice and the New Mexico State Engineer Office for use in the Aamodt Case Hydrology Committee. April 1996.





- Baltz, E.H. 1978. *Resume of Rio Grande Depression in north-central New Mexico*. Circular 163, New Mexico Bureau of Mines and Mineral Resources.
- Bennedsen, M.B., and Mao, K.T. 1980. Planning study: Santa Fe water resources. Woodward-Clyde Consultants, San Francisco, California. June 1980.
- Bliss, J.H. 1971. Potential water production of all wells pump tested in Eldorado area. April 1971.
- Bokum, C., V. Gabin, and P. Morgan. 1992. *Living within our means: A water management policy for New Mexico in the 21st Century*. The New Mexico Environmental Law Center.
- Borton, R.L. 1991. Table of Eldorado wells compared to the court order, drillers' yields, and estimated production capacity.
- Boyle Engineering Corporation. 1997. *Feasibility study for Rio Grande diversion system.*Technical report prepared for City of Santa Fe and the Santa Fe County Water Company under the auspices of PNM Water Services. May 1997.
- Boyle Engineering Corporation. 1997. Feasibility study for Rio Grande diversion system.

 Executive Summary prepared for City of Santa Fe and Santa Fe County Water Company under the Auspices of PNM Water Services. May 1997.
- Brandin, Robin, Susan Goodan, and Robert Rea. 1991. *Socioeconomic impact assessment for the Ortiz Project JV*. Science Applications International Corporation, Albuquerque, New Mexico. June 1991.
- Bredehoeft, John. 1997 Safe yield and the water budget myth. Groundwater 35(6):929.
- Brown, Arthur F. 1970. *Ground water survey of the Phillip McKee Ranch for AMREP.* January 1970.





- Browne, Bortz and Coddington, Inc. et al. (BBC et al.). 1990. *Preliminary financial feasibility study of the Santa Fe County Water and Wastewater Utility*.
- Browne, Bortz & Coddington, Inc. 1992. *South Santa Fe County water resource assessment.*Submitted to New Mexico Interstate Stream Commission, Santa Fe County, Santa Fe Metropolitan Water Board. August 1992.
- Bryan, Kirk. 1928. Water supply for irrigation by artesia wells at Tesuque Pueblo, N.M. U.S. Geological Survey. August 17, 1928.
- Bureau of Business and Economic Research. 2000. Population projections for the Jemez y Sangre Water Planning Region. November 2000.
- Camp Dresser and McKee, Inc.. 1998. *City of Santa Fe treated effluent management plan.*Prepared in association with Lee Wilson and Associates. May 1998.
- Camp Dresser & McKee and Sangre de Cristo Water Division Staff, 2001. *Water supply analysis for the City of Santa Fe.*
- Chestnut, P. 2000. Presentation on Pueblo water rights for the Jemez y Sangre Water Planning Council. March 13, 2000.
- CH2M Hill. 1989. *Eldorado Utilities water system valuation study*. Prepared for Albuquerque Utilities Corporation. January 1989.
- City of Santa Fe. 1989. Approved residential developments. Santa Fe City Planning Department. August 1989.
- Consulting Professionals, Inc. (CPI). 1974. Santa Fe County current water use and availability Phase III Santa Fe County Water Study, November 1974.
- Consulting Professionals, Inc. (CPI). 1975. Water use and availability. March 1975.





- Coons, L.M. 1983. *Geohydrology of Rancho Viejo Property, Santa Fe County, NM.* Geohydrology Associates, Inc.. February 1983.
- Cooper, Dennis. 1991. *Geohydrologic report for the Lamy Domestic Water Users Association.*Village of Lamy, Santa Fe County, New Mexico. September 1991.
- Core, Andrew. 1996. *Espanola Basin Santa Fe region modified McAda-Wasiolek model users manual.* New Mexico State Engineer Office Technical Division Hydrology Report 96-2, November 1996.
- C.R. Walbridge and Associates, Inc. 1982. *Colinas Verdes Subdivision preliminary plat report.*Santa Fe, New Mexico. April 1982.
- Daniel B. Stephens & Associates, Inc. 1994. Santa Fe County water resource inventory, Volume 1: Text and Plates. Prepared for Santa Fe County Land Use and Planning Department. July 1994.
- Daniel B. Stephens & Associates, Inc and Watershed West. 2002. *Santa Fe River stream-aquifer interaction study*. Prepared for the City of Santa Fe, New Mexico. May 23, 2002.
- Duke Engineering & Services. 2001. *Water supply study, Jemez y Sangre Water Planning Region, New Mexico.* Prepared for the Jemez y Sangre Water Planning Council. January 2001.
- DuMars, Charles T. 1983. The impact of recent court decisions concerning water and interstate commerce of water resources of the State of New Mexico. University of New Mexico, Water Law Study Committee, Institute of Public Law.
- Edgewood Water Utility Company. 1989. *Annual report (for class C and D water utilities).*December 1989.
- Elfring, Chris. 1994. *Ground water recharge using waters of impaired quality.* National Research Council, September 1994.



- Elliott, Joe C. 1991. *Vegetation baseline study for the Ortiz Project JV.* Helena, Montana. June 20, 1991.
- Encinias, Art. 1990. Court ruling for Henry Anaya, et al. v. PNM, et al. First Judicial District, Santa Fe, New Mexico. June 22, 1990.
- Ernst & Young's Environmental Consulting Practice. 1992. Water and wastewater.
- Extraterritorial Zoning Authority. 1988. Santa Fe comprehensive extraterritorial plan: Ordinance NO. EZA 1988-1. Adopted August 4, 1988.
- Farnsworth, R.K., and E.S. Thompson. 1982. *Mean monthly, seasonal, and annual pan evaporation for the United States.* NOAA Technical Report NWS 34, U.S. Department of Commerce, National Weather Service, Washington, D.C.
- Finch, Steven T., Jr. 1993. Storm water pollution prevention plan for construction related activities Carache Canyon Decline exploration project Santa Fe, County, New Mexico. John W. Shomaker, Inc., Albuquerque, New Mexico. September 1993.
- Finch, Steven T. and W.M. Fleming. 1992. *Recalibration of the USGS-SEO Santa Fe ground-water model using revised recharge estimates*. John W. Shomaker, Inc., Albuquerque, New Mexico. February 1992.
- Fleming, William M. 1991. *Analysis of groundwater recharge estimates for the Santa Fe Area.*John W. Shomaker, Inc., Santa Fe, New Mexico. February 1991.
- Fleming, William M. 1991. Evaluation of the hydrogeologic basis for the south-boundary area of the USGS Santa Fe ground-water model. John W. Shomaker, Inc., Santa Fe, New Mexico. March 1991.
- Fleming, William M. 1991. *Ground-water levels in Santa Fe County's seasonal and annual trends from 1950 to 1990.* John W. Shomaker, Inc., Santa Fe, New Mexico. January 1991.





- Fleming, William M. 1992. Evaluation of hydrologic production capacities for Eldorado Utilities, Inc. wells. Prepared for Santa Fe County by John W. Shomaker, Inc., Santa Fe, New Mexico. February 1992.
- Fleming, William M. 1993. *La Cienega water supply/demand analysis*. Santa Fe, New Mexico. November 1993.
- Fleming, William M. 1991. Santa Fe water quality monitoring program: 1990 results and problem identification. John W. Shomaker, Inc., Santa Fe, New Mexico. January 1991.
- Fleming, William M. and Bhasker K. Rao. 1989. *Availability of water for diversion in the Santa Fe River and its hydrologic impacts*. New Mexico State Engineer Office. October 1989.
- Fleming, William M. and Jeffrey L. Peterson. 1992. *Ground-water levels in Santa Fe County:* seasonal and annual trends from 1950 to 1991. John W. Shomaker, Inc., Santa Fe, New Mexico. January 1992.
- Fleming, William M. and Jeffrey L. Peterson. 1992. *Santa Fe County water-quality monitoring program:* 1991 results and problem identification. John W. Shomaker, Inc., Santa Fe, New Mexico. January 1992.
- Fleming, William M. and Ramiz P. Saaty. 1993. *Ground-water levels in Santa Fe County:* 1950 to 1993. December 1993.
- Fleming, William M. and Ramiz P. Saaty. 1993. Santa Fe County water-quality monitoring program: 1993 results. December 1993.
- Fleming, William M. and Steven T. Finch, Jr. 1992. *Ground-water levels in Santa Fe County:* 1950 to 1992. December 1992.
- Fleming, W.M. and John W. Shoemaker. 1991. *A proposed methodology for the evaluation of well capacity (with an example from Eldorado at Santa Fe)*. Prepared for Santa Fe County and the Santa Fe Metropolitan Water Board. December, 1991.



- Fleming, William M. and Steven T. Finch, Jr. 1992. Santa Fe County water-quality monitoring program: 1992 results. John W. Shomaker, Inc., Santa Fe, New Mexico. December 1992.
- Flicker, Ted. 1989. Water crisis. Tano Road Association. April 1989.
- Folk-Williams, John A. and Lucy Hilgendorf. 1985 Western water flows to the cities. Western Network and Island Press, Santa Fe, New Mexico.
- Frenzel, Peter F. 1995. *Geohydrology and simulation of ground water flow near Los Alamos, north central New Mexico*. United States Geological Survey Water Resource Investigation Report 95-4091. Prepared in cooperation with Los Alamos National Laboratory.
- Frost, Jack P. 1994. *Regional cross-sections of the Ancha Tesuque aquifer system.* College of Santa Fe, Santa Fe, New Mexico. March 1994.
- Frost, Jack P. 1995. Schematic model of the Ancha alluvial flow system, T15 and 16N, R8 and 9E, Santa Fe County, New Mexico.
- Frost & Associates Hydrologists, Geologists, Ltd. Co. 1996. *Isotope ground water study, Santa Fe area.* Prepared for City of Santa Fe.
- Frost & Associates Hydrologists, Geologists, Ltd. Co. 1996. *Review of El Dorado area water production and groundwater resource*. Prepared for Santa Fe County.
- Frost & Associates Hydrologists, Geologists, Ltd. Co. 1996. Santa Fe County water quality monitoring 1995-96 results. Prepared for Santa Fe County Water Company.
- Frost & Associates Hydrologists, Geologists, Ltd. Co. 1996. Santa Fe County ground water levels, 1995-96 results. Prepared for Santa Fe County Water Company.
- Gallaher, B.M., and D.E. Efurd. 2002. *Plutonium and uranium from Los Alamos National Laboratory in sediments of the norther Rio Grande valley*. LA-13974, Los Alamos National Laboratory, Los Alamos, New Mexico. August 2002.



- Galusha, T. and J.C. Black. 1971. Stratigraphy of the Santa Fe Group, New Mexico. *Bulletin of the American Museum of Natural History* 144, Article 1. 127p.
- Golder Associates, Inc. 1992. Summary report for Ortiz Project JV geotechnical evaluation and conceptual designs. Lakewood, Colorado. January 1992.
- Green, G.N. and G.E. Jones. 1997. *The digital geologic map of New Mexico in ARC/INFO format.* Open-file Report OF-97-52, U.S. Geological Survey.
- Griggs, R.L., and G.E. Hendrickson. 1951. *Geology and ground-water resources of San Miguel County, New Mexico*. Ground-Water Report 2, New Mexico Bureau of Mines and Mineral Resources.
- Hagerman, Charles de B. 1984. *Groundwater conditions of John Bates tract and Apache Ridge in Santa Fe County, New Mexico*. Canada de Los Alamos Grant, Santa Fe, New Mexico. September 1984.
- Hagerman, C. de B., and G.O. VeneKlasen. 1975. *Santa Fe County water use and availability*. Consulting Professionals, Inc.
- Harrigan, Belinda. 1992. *Water supply at Los Alamos during 1989*.Los Alamos National Laboratory, Los Alamos, New Mexico. May 1992.
- Harrigan, Belinda. 1993. *Water supply at Los Alamos during 1990.* Los Alamos National Laboratory, Los Alamos, New Mexico. February 1993.
- Harris, Linda G., and Leslie Blair. 1992. *New Mexico water rights*. Miscellaneous Report No. 15, New Mexico Water Resources Research Institute, New Mexico State University, Las Cruces, New Mexico.
- Hart, Donald L. 1989. *Test wells SF-1A, 1B, 1C, and SF-2A, 2B, 2C, Santa Fe County, New Mexico.* U.S. Geological Survey Open-File Report 89-37, Albuquerque, New Mexico.





- Prepared in cooperation with the Santa Fe Metropolitan Water Board and the New Mexico State Engineer Office.
- Harza Engineering Co., Inc. 1990. Summary and recommendations (for the) feasibility study of the Santa Fe County water and wastewater utility. November 30, 1990.
- Harza Engineering Co., Browne, Bortz and Coddington Inc., and J. Shomaker, Inc. 1988. *Long-range water planning study for the Santa Fe Area Phase I.*
- Harza Engineering Co., Browne, Bortz and Coddington Inc., and J. Shomaker, Inc. 1989. *Long-range planning study for the Santa Fe Area Phase II Report.*
- Hearne, G.A. 1985 *Mathematical model of the Tesuque Aquifer system near Pojoaque, New Mexico*. United States Geological Survey Water-Supply Paper 2205.
- Hearne, Glenn A., and Jack D. Dewey. 1988. *Hydrologic analysis of the Rio Grande Basin, north of Embudo, New Mexico, Colorado and New Mexico*. U.S. Geological Survey Water-Resources Investigations Report 86-4113.
- Hem, J.D. 1989. *Study and interpretation of the chemical characteristics of natural water.* Water Supply Paper 2254, U.S. Geological Survey.
- Hill, Leon W. 1963. *Accounting of water, San Juan-Chama Project*. United States Department of the Interior, Bureau of Reclamation, Region 5. February 1963.
- Hughes, Richard. 1984. The Santa Fe case study. *In* C. Reiniger (ed.) *People & water in New Mexico*. Designwrights Collaborative, Santa Fe, New Mexico.
- Hydrographic Survey Bureau. 1993. *Galisteo Drainage Basin water use inventory basic data report.* Volume 1, Springs and ponds, and Volume II, Wells. New Mexico State Engineer Office.





- Hydrosphere Resource Consultants, 1996. *Achieving efficient water management: A guidebook for preparing agricultural water conservation plans.*
- Hydrotechnics. 1970. *Hydrogeologic investigation of the Canada de Los Alamos Grant area, Santa Fe. New Mexico*. November 1970.
- Hydrotechnics. 1970. Report of thermonic profiling across the north boundary channel of the Canada de Los Alamos Grant, Santa Fe, New Mexico. November 1970.
- Hydrotechnics. 1973. *The hydrology of the Sunlit Hills area, Santa Fe County, New Mexico.* February 1973.
- Kaplan, Ruth. 1978. *Santa Fe water system data*. Public Service Company of New Mexico. October 28, 1978.
- Keating, E.H., E. Kwicklis, M. Witkowski, and T. Ballantine. 1999. *A regional flow model for the regional aquifer beneath the Pajarito Plateau*. Los Alamos National Laboratory .LA-UR-00-1029.
- Keating, E., V. Vesselinov, Z. Lu, and E. Kwicklis. 2001 (in review). *Annual Report on regional aquifer modeling and data analysis*. Los Alamos National Laboratory.
- Keating, E.H., E. Kwicklis, and K. Manley. 2002a. Overview of the hydrogeology of the Española Basin. *J. of Hydrogeology* (in review).
- Keating, E.H., V.V. Vesselinov, E. Kwicklis, and Z. Lu. 2002b. Coupling basin- and local-scale inverse models of the Española Basin. *Groundwater* (accepted for publication).
- Kelley, V.C. 1977. *Geology of the Albuquerque Basin, New Mexico*. Memoir 33, New Mexico Bureau of Mines and Mineral Resources.
- Kelly, V.C. 1978. *Geology of Espanola Basin*. Geologic Map 48, New Mexico Bureau of Mines and Mineral Resources. Scale 1:125,000.



- Kery, S.C., and J.W. Utton. 2002. *Area of origin protections and implementation of critical management areas Emerging water management tools for protecting public welfare.*Working draft, submitted for Jemez y Sangre Water Planning Council workshop on Critical management areas and are of origin. November 22, 2002.
- Kery, S., L. Belin, and J. Utton. 2001a. Memorandum to Jemez y Sangre Legal Subcommittee regarding Water availability issues. June 22, 2001.
- Kery, S., L. Belin, and J. Utton. 2001b. *Overview of water law applicable to this region of New Mexico*. Jemez y Sangre Regional Water Planning Council. August 2001.
- Kilmer, Clay. 1988. *Hydrogeologic investigation of Cottonwood Estates, Santa Fe County, NM.*Geohydrology Associates, Inc., Albuquerque, New Mexico. February 1988.
- LAC Minerals (USA), Inc. 1992. Carache Canyon decline exploration project: Mineral exploration permit application. Ortiz Project, Cerrillos, New Mexico. December 4, 1992.
- LAC Minerals (USA), Inc. 1993. Carache Canyon decline exploration project: mineral exploration permit Application. Ortiz Project, Cerrillos, New Mexico. October 25, 1993.
- Lazarus, Jay. 1987. *Geohydrology of the Hurlocker Property, Santa Fe County, New Mexico*. September 1987.
- Lee Wilson and Associates, Inc. 1978. Santa Fe County Water Plan.
- Lee Wilson and Associates, Inc. 1984. Santa Fe regional water supply system: Parts I through V. Santa Fe Metropolitan Water Board staff with hydrological report prepared by Lee Wilson and Associates, 1978-June 1984.
- Lee Wilson and Associates, Inc. 1984. *Water supplies for the Santa Fe area, New Mexico.*Hydrologic support document prepared for the Santa Fe Metropolitan Water Board. Santa Fe, New Mexico. November 20, 1984.





- Lewis, Amy C., and Francis West. 1995. pp. 229-306 *In* Conceptual hydrologic systems for Santa Fe County. *Geology of the Santa Fe Region, New Mexico*, Geological Guidebook, 46th Field Conference.
- Liles, C. 2000. Relationships between the pacific decadal oscillation and New Mexico annual and seasonal precipitation. National Weather Service, Albuquerque, New Mexico. September 2000.
- Lommler, John C. 1993. Feasibility study report: Two-mile dam and reservoir, Santa Fe, New Mexico. SHB AGRA, Inc., Albuquerque, New Mexico. April 27, 1993.
- Longmire, Patrick. 1985. A hydrogeochemical study along the valley of the Santa Fe River,

 Santa Fe and Sandoval Counties, New Mexico. Environmental Improvement Division Health
 and Environment Department, Santa Fe, New Mexico. July 1985.
- Martinez, Eluid L. 1976. Santa Fe River hydrographic survey report, Volume I. New Mexico State Engineer Office, Santa Fe, New Mexico.
- Mayne, Tony. 1989. Sangre de Cristo Water Company Torreon Well Study. Santa Fe Metropolitan Water Board. April 24, 1989.
- McAda, Douglas P. 1988. Listings of values for the simulation of the regional geohydrology of the Tesuque aquifer system near Santa Fe, New Mexico. Open File Report 88-326 (Supplement to Water-Resources Investigations Report 87-4056), U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the Santa Fe Metropolitan Water Board.
- McAda, Douglas P. 1990. Simulation of the effects of ground-water withdrawal from a well field adjacent to the Rio Grande, Santa Fe County, New Mexico. Water-Resources Investigations Report 89-4184, U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the Santa Fe Metropolitan Water Board.





- McAda, Douglas P. and Maryann Wasiolek. 1988. Simulation of the regional geohydrology of the Tesuque aquifer system near Santa Fe, New Mexico. Water-Resources Investigations Report 87-4056, U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the New Mexico State Engineer Office and the Santa Fe Metropolitan Water Board.
- Minton, Engineering & Associates. 1970. Report of drilling, developing & testing well R-35 for Eldorado at Santa Fe. Artesia, New Mexico.
- Minton, E.G., Jr. 1970. *Drilling, developing and testing well No. 4 for El Dorado at Santa Fe, Volume II.* Minton Engineering and Associates, Artesia, New Mexico. July 1970.
- Minton, E.G., Jr. 1970. *Water resources: El Dorado at Santa Fe, Volume I.* Minton Engineering and Associates, Artesia, New Mexico. May 6, 1970.
- Molzen-Corbin & Associates. 1988. *Penitentiary of New Mexico wastewater facilities expansion:*10-year masterplan programming phase submittal. Molzen-Corbin & Associates and the State of New Mexico General Services Department, Property Control Division and Corrections Department. November 1988.
- Molzen-Corbin & Associates, Inc. 1989. *Espanola Valley and Pojoaque Valley wastewater master plan.* Molzen-Corbin & Associates, Albuquerque, New Mexico, in association with Lee Wilson & Associates, July 1989.
- Mourant, W.A. 1980. *Hydrologic maps and data for Santa Fe County, New Mexico*. New Mexico State Engineer Office Basic Data Report.
- Nathanson, Peter, Jack Frost, William O. Sayre, and Don Duncan. 1995. Santa Fe County water quality monitoring program: 1994 results. College of Santa Fe, Department of Science and Mathematics, Santa Fe, New Mexico. March 1995.
- National Park Service. 2002. *Bandelier National Monument*. http://www.nps.gov/band/>. Last updated December 10, 2002.



- The New Mexico Bureau of Geology & Mineral Resources (NMBGMR). 2000. *NMBGMR Natural Resources Programs*. http://geoinfo.nmt.edu/resources/home.html Last updated July 26, 2000.
- New Mexico Economic Development Department (NMEDD). 2002. *New Mexico Communities/ Counties.* http://www.edd.state.nm.us/COMMUNITIES/cities.htm.
- New Mexico Energy, Mineral, and Natural Resources Department (NMEMNRD). 2002. *New Mexico Energy, Mineral, and Natural Resources Department.*>a http://www.emnrd.state.nm.us http://www.emnrd.state.nm.us
- New Mexico Interstate Stream Commission. 1974. Santa Fe County profile: Water resources assessment for planning purposes. The New Mexico Interstate Stream Commission and the New Mexico State Engineer Office, Santa Fe, New Mexico.
- New Mexico Interstate Stream Commission. 1975. Los Alamos County profile: water resources assessment for planning purposes. The New Mexico Interstate Stream Commission and the New Mexico State Engineer Office, Santa Fe, New Mexico.
- New Mexico State Engineer Office. 1978. *Water Rights: Nambe-Pojoaque-Tesugue adjudication suit*. United States District Court Cause No 6639.
- Pegasus Gold Corporation. 1991. *Ortiz Project JV Environmental Assessment*. Cerrillos, New Mexico. March 1991.
- Pegasus Gold Corporation. 1991. *Environmental Impact Statement: Ortiz Project JV. (Vol. I)*. July 1991.
- Pegasus Gold Corporation. 1992. Application for a mine development permit submitted to Santa Fe County, New Mexico: Ortiz Project JV. Cerrillos, New Mexico. January 1992.
- Porter, Jerry. 1986. Population Growth. City of Santa Fe, New Mexico. December 22, 1986.





- Public Service Company of New Mexico. 1971. *Water supply City of Santa Fe history and future additions*. August 1971.
- Public Service Company of New Mexico. *1983 Hydrogeological Survey*. Santa Fe, New Mexico. February 18, 1983.
- Public Service Company of New Mexico, City of Santa Fe, and the County of Santa Fe, New Mexico. 1993. *Water Conservation Plan.* June 24, 1993.
- Purtymum, W.D. 1984. *Hydrologic characteristics of the main aquifer in the Los Alamos area:*Development of ground water supplies. Los Alamos National Laboratory, Los Alamos, New Mexico. January 1984.
- Purtymun, W.D., and S. Johansen. 1974. General geohydrology of the Pajarito Plateau. p. 347-349 *In Guidebook to Ghost Ranch (central-northern New Mexico)*, New Mexico Geological Society 25th Field Conference.
- Purtymum, W.D. and A.K. Stoker. 1988. *Water supply at Los Alamos current status of wells and future water supply*. Los Alamos National Laboratory, Los Alamos, New Mexico August 1988.
- Reiland, Louis J. 1975. Estimated mean-monthly and annual runoff at selected sites in the Pojoaque River drainage basin, Santa Fe County, NM. U.S. Department of the Interior Geological Survey, Albuquerque, New Mexico. June 1975.
- Reiland, Louis J., and Francis C. Koopman. 1975. *Estimated availability of surface and ground Water in the Pojoaque River drainage basin, Santa Fe County, New Mexico*. US Department of the Interior, Albuquerque, New Mexico. June 1975.
- Reynolds, Charles B. Undated (circa 1975). Buckman area seismic survey.
- Reynolds, Charles B. Undated (circa 1975). Buckman area magnetometer survey, Santa Fe County, New Mexico.



- Reynolds, C.B. & Associates. 1994. *Shallow seismic survey, Eldorado Village area, Santa Fe County, New Mexico*. October 1994.
- Reynolds, S.E. 1958. *Rio Grande underground water basin, 23rd Biennial Report.* State Engineer New Mexico.
- Romero, Dave, and Peter Balleau. 1997. *Modification to the Hearne model for use in the Pojoaque River basin administration*. U.S. Department of Justice for use by Aamodt Case Hydrology Committee. January 1997.
- Rosae, M.R., J.S. Dean, and W.J. Robinson. Undated. *The past climate of Arroyo Hondo, New Mexico, reconstructed from tree rings.* School of American Research Press, Arroyo Hondo Archaeological Series, Volume 4.
- Sangre de Cristo Water Company. 1985. *Required trihalomethane-sampling report*. Santa Fe, New Mexico.
- Santa Fe Basin Water Users Association. 1988. Report to the City Council and Staff-County Commission and Staff Area Planners.
- Santa Fe County. 1972. Santa Fe County reconnaissance survey: Preliminary report. Santa Fe Planning Department, Santa Fe, New Mexico. July 1, 1972.
- Santa Fe County Board of Commissioners. 1980. Santa Fe County General Plan. Approved October 28, 1980.
- Santa Fe County Staff. 1975. Land-use policies related to water availability. August 1975.
- Santa Fe Metropolitan Water Board and Lee Wilson and Associates, Inc. 1984. Santa Fe regional water supply system: Report on baseline data, goals, policy and studies. October 1984.





- Sayre, William O., Peter Nathanson, Jack Frost, and Don Duncan. 1995. *Santa Fe County ground-water levels: 1994 results*. College of Santa Fe, Department of Science and Mathematics. March 1995.
- Scanlon & Associates, Inc. 1977. *City of Santa Fe wastewater facilities environmental assessment*. Albuquerque, New Mexico.
- Scanlon & Associates, Inc. 1981. Wastewater reuse study for City of Santa Fe, New Mexico.
- Sheenhan, Sheenhan & Stelzner. 1991. Report to the Santa Fe Metropolitan Water Board regarding water supply for Las Campanas de Santa Fe. Albuquerque, New Mexico. November 22, 1991.
- Shelton, Vaughn. 1994. *Boyle vision, water reclamation: Beneficial uses for treated wastewater.*Boyle Engineering Corporation.
- Shollenbarger, Ray, and Neil C. Stillinger. 1986. Contract for storage of San Juan Chama water at El Vado Dam. Middle Rio Grande Conservancy District, Albuquerque, New Mexico. March and April 1986.
- Shomaker, John W. 1974. *Interpretation of well logs in Buckman well field, and general limits of Tesuque Formation aquifer.* Prepared for Black & Veatch. July 1974.
- Shomaker, John W. 1975. Letter to Mr. Charles V. Hallabecek, Black & Veatch, Consulting Engineering. June 9, 1975.
- Shomaker, John W. 1975. *Drilling and testing of wells in shallow alluvium of Rio Grande channel, Buckman Area, Santa Fe County, NM.* Prepared for Black & Veatch. September 1975.
- Shomaker, John W. Undated. Santa Fe regional water supply system: Report on baseline data, goals, policy and studies. Metropolitan Water Board Staff.





- Shomaker, John W., and James W. Mahar. 1993. Estimated inflows to Carache Decline LAC Minerals (USA), Inc. and effects of pumping 122 AC-Ft from decline in one year. January 1993.
- Siverts, Leif E. 1969. *Analysis of streamflow records for the Tesuque watersheds.* United States Department of Agriculture Forest Service. May 1969.
- Smolka, Larry R. 1988. *Reconnaissance water quality survey of the Rio Tesuque and Pojoaque River, Santa Fe County, New Mexico, April-November 1987.* Surface Water Quality Bureau, New Mexico Environmental Improvement Division. March 1988.
- Snow, David H. 1988. The Santa Fe acequia systems: Summary report on their history and present status, with recommendations for use or protection.
- Sophocleous, Marios. 1997. Managing water resource systems: Why "safe yield" is not sustainable. *Ground Water* 35(6):561.
- Spell, T.L., T.M. Harrison, and J.A. Wolf. 1990. 40Ar/39Ar Dating of the Bandelier Tuffs and San Diego Canyon ignimbrites, Jemez Mountains, New Mexico: Temporal constraints on magmatic evolution. *Journal of Volcanology and Geothermal Research* 43: 175-193.
- Spiegel, Zane. 1973. Summary of water-production potential in the vicinity of Eldorado wells W-3 and W-4. September, 1973.
- Spiegel, Zane. 1978. Water resources aspects of Santa Fe County general plan. Water Resource Planning and Development, Santa Fe, New Mexico. April 1978.
- Spiegel, Zane, and Brewster Baldwin. 1963. *Geology and water resources of the Santa Fe Area, New Mexico*. U.S. Geological Survey, Washington D.C., New Mexico Bureau of Mines and Mineral Resources, and Geophysics Laboratory of the New Mexico Institute of Mining and Technology, in cooperation with the State Engineer of New Mexico.





- Summers, W.K. 1975. Summary and interpretation of water-level history of well nos. 3 and 4, Eldorado at Santa Fe, July 1974 to September 1975. Submitted to Amrep Corporation. December 1975.
- Sunlit Hills of Santa Fe, Inc. 1989. *Annual report (for class C and D water utilities)*. December 1989.
- Swartwout, Robert L. 1991. Valuation of the Valle Vista Water Utility Company, the Valle Vista Sewer Utility Company, and El Dorado Utilities for the County of Santa Fe. Robert Witter and Associates, Inc., Santa Fe, New Mexico. February 22, 1991.
- Theis, C.V., and A.M. Morgan. 1942. Ground-water supplies near Cerrillos, New Mexico. *In Short Papers on Water Resources in New Mexico*, U.S. Geological Survey Open-File Report 91-81.
- Thorn, Conde R., et al. 1993. *Geohydrologic framework and hydrologic conditions in the Albuquerque Basin, Central New Mexico*. U.S. Department of the Interior, Albuquerque, New Mexico.
- Tuan, Y-F, C.E. Everald, and J.G. Widdison. 1969. *The climate of New Mexico*. New Mexico State Planning Office.
- Turner, William M. 1992. *The geology and hydrology of eastern Bernalillo and southern Santa Fe Counties, New Mexico*. The American Ground Water Consultants, Albuquerque, New Mexico. May 1992.
- Turner, William M., 1992. Geophysical and ground-water hydrodynamic, hydrogeothermal and hydrogeochemical analysis of eastern Bernalillo, southern Santa Fe, and northern Torrance Counties, New Mexico. Submitted to the Horton Family Interests by American Ground Water Consultants, Albuquerque, New Mexico. April 1992.





Turner, William, M. and Jeff Johnson. 1992. *One-hundred year water supply document for the Entranosa Water Cooperative*. American Ground Water Consultants, Albuquerque, New Mexico. May 15, 1992.

Urban Policy Board. 1983. Santa Fe area general plan.

- U.S. District Court. 1994. Order of the Court relating to (1) provisions of subfile order adjudicating the amount of water of non-Pueblo defendants' irrigation water rights and (2) provisions for subfile orders describing the purpose of use of non-Pueblo defendants' domestic and livestock well rights. In State of New Mexico, ex rel., State Engineer vs. R. Lee Aamodt et al.
- U.S. District Court. 1997. Special Master's report to the Court recommending adoption of findings of fact pertaining to hydrology and denial of the Pueblos' motion for an evidentiary hearing. *In State of New Mexico, ex rel., State Engineer vs. R. Lee Aamodt et al.*
- U.S. Environmental Protection Agency (U.S. EPA). 2000. *Drinking water standards and health advisories*. EPA 822-B-00-001, Office of Water.
- United States Forest Service. 1981. *Proposed Santa Fe National Forest Plan.* United States Department of Agriculture Forest Service. November 1981.
- United States Forest Service. 1982. *Management area map supplement, Santa Fe National Forest Plan.* United States Department of Agriculture Forest Service. January 1982.
- United States Forest Service. 1982. Overview of the Santa Fe National Forest draft environmental impact statement and proposed forest plan. United States Department of Agriculture Forest Service. February 1982.
- United States Forest Service. 1984. America's renewable resources: a supplement to the 1979 assessment of the forest and rangeland situation in the United States. United States Department of Agriculture Forest Service, Washington, D.C. February 1984.





- U.S. Geological Survey (USGS). 1999. *The quality of our nation's waters, nutrients and pesticides*. U.S. Geological Survey Circular 1225, 82 p.
- U.S. Soil Conservation Service (SCS). 1972. *Normal annual precipitation, New Mexico*. U.S. Department of Agriculture Map 4-R-33714.
- Velarde, Camille. 1989. Annual report of Sangre de Cristo Water Company to the New Mexico Public Service Commission. Sangre de Cristo Water Company. December 31, 1989.
- VeneKlasen, Gordon O. 1983. *Ground water availability for Los Caballos de Santa Fe subdivision, Santa Fe County, New Mexico.* January 1983.
- VeneKlasen & Associates, Inc. 1987. *Geohydrology of El Dorado at Santa Fe vicinity, Santa Fe County, New Mexico*. Santa Fe, New Mexico. October 1987.
- VeneKlasen, Gordon O. Undated. Geohydrology of El Dorado at Santa Fe Vicinity.
- Vesselinov, V.V. and E.H. Keating. 2002. Analysis of capture zones of the Buckman wellfield and of a proposed horizontal collector north of the Otowi Bridge. Los Alamos National Laboratory Progress report, Hydrogeologic Characterization Program, LA-UR-02-2750.
- Wasiolek, Maryann. 1995. Subsurface recharge to the Tesuque aquifer system from selected drainage basins along the western side of the Sangre de Cristo Mountains near Santa Fe, New Mexico. Water-Resources Investigations Report 94-4072,U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the Santa Fe Metropolitan Water Board and the New Mexico State Engineer Office.
- WestWater Associates, Inc. 1996. *Testing & preliminary results, test well #95-1, Eldorado.* February 1996.
- White, W.E., and G.E. Kues. 1992. *Inventory of springs in the State of New Mexico*. U.S. Geological Survey, Albuquerque, New Mexico, prepared in cooperation with the New Mexico State Engineer Office.





- Williams, Dave. 1988. Annual report of Sangre de Cristo Water Company to the New Mexico Public Service Commission. Sangre de Cristo Water Company. December 31, 1988.
- Wilson, B. 1986. *Water use in New Mexico in 1985*. Technical Report 46, New Mexico State Engineer Office.
- Wilson, Brian C. 1992. Water use by categories in New Mexico counties and river basins, and irrigated acreage in 1990. Technical Report 47,New Mexico State Engineer Office, Santa Fe, New Mexico. July 1992.
- Wilson, Brian C., and Anthony A. Lucero. 1997. *Water use by categories in New Mexico counties and river basins, and irrigated acreage in 1995.* Technical Report 49, New Mexico State Engineer Office. September 1997.
- Wilson, Grant W. 1970. Water resources, Simpson Ranch, Santa Fe County, New Mexico. June 1970.
- Wilson, L. 1975. Water availability and land-use policy in Santa Fe County. Prepared for Santa Fe County, Santa Fe, New Mexico. August 1975.
- Wilson, Lee. 1978. Santa Fe County water plan, Santa Fe County, New Mexico.
- Wilson, Lee. 1980. Procedures for determination of water availability pursuant to Section 6.4.1d, Article VII of Santa Fe County Development Code. Santa Fe, New Mexico. December 23, 1980.
- Woodward-Clyde Consultants [WCC]. 1980. *Planning study Santa Fe water resources for Public Service Co.*

